

ABSTRACT

The present invention provides a method of manufacture of an anti-paratopic antibody comprising the steps of: (1) selecting from a pool of antibodies occurring in one species a prototypic set the members of which are effective in binding a specific antigen (or antigen epitope), and (2) utilizing one or more members of said prototypic set, or paratopic fragments thereof, as an immunogen in a host of a different species, or in an in vitro incubation system comprising cells derived from the same or a different species, to produce antibodies having a characteristic which is anti-paratopic with respect to said immunogen to produce a synthetic replicate of the specific antigen or epitope. Antigen (or antigen epitope), and monoclonal antibodies, vaccines and processes of immunization employing the product of the method of manufacture are also described.

FBI/DOJ - 7-1-66